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(71) Applicant: **NISSHO CORPORATION**
Osaka-shi, Osaka-fu (JP)

(72) Inventors:
• **Miyauchi, Hidekazu**
Kusatsu-shi, Shiga-ken (JP)

• **Hiejima, Katsuhiko**
Ootsu-shi, Shiga-ken (JP)

(74) Representative: **Weisert, Annekäte, Dipl.-Ing. Dr.-**
Ing. et al
Patentanwälte
Kraus Weisert & Partner
Thomas-Wimmer-Ring 15
80539 München (DE)

(54) **Epidural catheter**

(57) A catheter body (1) includes a main lumen (14) and an auxiliary lumen (15). The main lumen has an outlet opening (11) located at a distal end of the body and an inlet opening at a proximal end. The auxiliary lumen has an outlet opening (12) located behind and spaced from the distal end a distance of 5 - 10 cm and an inlet lateral opening (13) located toward the proximal end. An adapter for providing inlet ports communicating with the inlet openings of the main lumen and auxiliary lumen is provided on the catheter body. The adapter includes three members (2,3,4) detachably connected to one another. The forward and middle members (2,3) have threaded portions which engage one another and the middle and rearward members (3,4) also have threaded portions which engage with one another. Annular seals (22,32) are provided between the forward and middle members and the middle and rearward members. The adapter can be readily attached to the catheter body and an external device for dosing a liquid medicine can be attached to the adapter.

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EUROPEAN SEARCH REPORT

Application Number
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DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.6)
X	US-A-5 084 016 (FREEMAN ANDREW B ET AL) 28 January 1992 * column 2, line 64 - column 6, line 39 * * figures 1,2,5 *	13	A61M25/00 A61B17/34 A61M25/10
Y	* column 4, line 53 - column 6, line 39 * * figures 1,2,5 *	1	
Y	--- EP-A-0 366 478 (INOUE KANJI) 2 May 1990 * column 4, line 14-36 * * figure 2 *	1	
A	--- US-A-5 207 648 (GROSS JAMES R) 4 May 1993 * figure 2A * -----	1-12	
			TECHNICAL FIELDS SEARCHED (Int.Cl.6)
			A61M A61B
The present search report has been drawn up for all claims			
Place of search MUNICH		Date of completion of the search 19 November 1996	Examiner Bichlmayer, K-P
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

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